**Judging Criteria (MPI) – Open Category**

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| **No.** | **Item** | **Notes** |
| 1 | **Novelty and Inventiveness** | * Novelty of product (How novel is the idea or concept. Is the product unique?). * Inventiveness (Is the product innovative or a modification of a similar existing product? Would it likely lead to a new product, system, design, material or process?). |
| 2 | **Usefulness** | * Relevance of the invention in solving the problem (s). * Does the research product solve any problem? * Contribution of the invention to health, safety, education, environment, social impact, policy, human development, etc. |
| 3 | **Commercial Potentialities & Readiness** | * Market potential of the invention (is there any evidence of market need? Is the product /invention comparable or superior to similar products in the market?). * Status of the invention (Is there any working models or prototype on display? Is the prototype close to the final product? Aspects of further development/future planning?). |
| 4 | **Environmental Friendliness** | * RoHS (Restriction of Hazardous Substances) compliant, recyclable, reusable, renewable, etc. * How could the product helps to secure a clean environment. |
| 5 | **Social Impact & Human Development** | * Does it makes a impact? Does the research described how outcomes have changed (or will) for their target population as a result of their research? * Human Capital Development. |
| 6 | **Academic Recognition or IPR** | * Academic recognitions (Publishing scientific paper, Human capital development, Establishing networking and etc.). * Intellectual Property Rights (IPR). * Acceptance used by industry. |
| 7 | **Presentation and Demonstration** | * Inventor's knowledge of the invention and related state of the art technology. * Display of the invention (Is the invention well presented? Are there adequate figure and diagram etc. to explain the working principles of the product). |